

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

				·		
•	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
	10/603,419	06/24/2003	Duane Q. Huynh	SJO920020001US1	4325	
	7590 09/27/2006			EXAMINER		
	Hitachi Global	Storage Technologies	CHEN, TIANJIE			
	Intellectual Prop	perty Law				
		nd (NHGB/014-2)		ART UNIT	PAPER NUMBER	
	San Jose, CA 95193			2627	•	

DATE MAILED: 09/27/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Notice of Abandonment 10/603,419		Application No.	Applicant(s)	
Examiner Tianjie Chen Tin Jepication is abandoned in view of: Communication appears on the cover sheet with the correspondence address This application is abandoned in view of: Applicant's failure to timely file a proper reply to the Office letter mailed on 03 October 2005. A proposed reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on (b) □ A proposed reply was received on but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).	N. 41	10/603.419	HUYNH, DUANE	= O
The MAILING DATE of this communication appears on the cover sheet with the correspondence address This application is abandoned in view of: 1.	Notice of Abandonment			
The MAILING DATE of this communication appears on the cover sheet with the correspondence address This application is abandoned in view of: 1. Applicant's failure to timely file a proper reply to the Office letter mailed on 03 October 2005. (a) A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on (b) A reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c) A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) No reply has been received. 2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee and publication fee, if applicable, has not been received.		Tianiie Chen	2627	ı
 1.	The MAILING DATE of this communication ap			dress
 (a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on (b) ☐ A proposed reply was received on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ☑ No reply has been received. 2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85). (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85). (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) ☐ The issue fee and publication fee, if applicable, has not been received. 3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), whic	This application is abandoned in view of:			
 (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the nonfinal rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ☑ No reply has been received. 2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85). (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85). (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.	(a) ☐ A reply was received on (with a Certificate of period for reply (including a total extension of time o	Mailing or Transmission dated from month(s)) which expire), which is after the don	•
application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114). (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ☒ No reply has been received. 2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85). (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85). (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) ☐ The issue fee and publication fee, if applicable, has not been received. 3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.				-
final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below). (d) ☒ No reply has been received. 2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85). (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85). (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) ☐ The issue fee and publication fee, if applicable, has not been received. 3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) ☐ No corrected drawings have been received.	application in condition for allowance; (2) a timely file	ed Notice of Appeal (with appea	filed amendment which pla I fee); or (3) a timely filed F	ices the Request for
 2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 	(c) A reply was received on but it does not const final rejection. See 37 CFR 1.85(a) and 1.111. (See	titute a proper reply, or a bona fi e explanation in box 7 below).	de attempt at a proper repl	y, to the non-
from the mailing date of the Notice of Allowance (PTOL-85). (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dat), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received.	(d) No reply has been received.			
Allowance (PTOL-85). (b) The submitted fee of \$ is insufficient. A balance of \$ is due. The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received.	from the mailing date of the Notice of Allowance (PTOL- (a) The issue fee and publication fee, if applicable, was	-85). as received on (with a C	Certificate of Mailing or Tra	ansmission dated
The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) ☐ The issue fee and publication fee, if applicable, has not been received. 3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) ☐ No corrected drawings have been received.), which is after the expiration of the statutory Allowance (PTOL-85).	period for payment of the issue	fee (and publication fee) so	et in the Notice of
 (c) The issue fee and publication fee, if applicable, has not been received. 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 				
 3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received. 	The issue fee required by 37 CFR 1.18 is \$	The publication fee, if required	by 37 CFR 1.18(d), is \$	·
Allowability (PTO-37). (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply. (b) No corrected drawings have been received.	(c) \square The issue fee and publication fee, if applicable, has	not been received.		
after the expiration of the period for reply. (b) ☐ No corrected drawings have been received.		quired by, and within the three-n	nonth period set in, the No	tice of
	 (a) ☐ Proposed corrected drawings were received on after the expiration of the period for reply. 	(with a Certificate of Mailing of	or Transmission dated), which is
4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of	(b) \(\subseteq \text{No corrected drawings have been received.} \)			
the applicants.	. The letter of express abandonment which is signed by the applicants.	he attorney or agent of record, t	he assignee of the entire ir	nterest, or all of
5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.	The letter of express abandonment which is signed by a 1.34(a)) upon the filing of a continuing application.	an attorney or agent (acting in a	representative capacity un	der 37 CFR
6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.	The decision by the Board of Patent Appeals and Interfer of the decision has expired and there are no allowed cla	erence rendered on and baims.	pecause the period for see	king court review
7. The reason(s) below:	. The reason(s) below:			
Representative affirmed on 09/21/2006 that this Application was abandoned.	Representative affirmed on 09/21/2006 that this A	pplication was abandoned.		
Les drange TIANJIE CHEN PRIMARY EXAMINER			Chen Si TIANJIE C PRIMARY EX	7 auje XHEN KAMINER
Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.	ninimize any negative effects on patent term.	raw the holding of abandonment und		
.s. Patent and Trademark Office TOL-1432 (Rev. 04-01) Notice of Abandonment Part of Paper No. 20060922	. Patent and Trademark Office	of Abandonment	Part of Pap	er No. 20060922